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03/23/01

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/788,074

DATE: 03/12/2001
 TIME: 12:59:21

Input Set : A:\MAL1 US Sequence listing.txt
 Output Set: N:\CRF3\03122001\I788074.raw

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C--> 3 <110> APPLICANT: Hotamisligil, Gokhan S.
 5 <120> TITLE OF INVENTION: INHIBITION OF MAL1
 7 <130> FILE REFERENCE: 21509-044
 9 <140> CURRENT APPLICATION NUMBER: US/09/788,074
 10 <141> CURRENT FILING DATE: 2001-02-16
 12 <150> PRIOR APPLICATION NUMBER: 60/183,106
 13 <151> PRIOR FILING DATE: 2000-02-17
 15 <160> NUMBER OF SEQ ID NOS: 4
 17 <170> SOFTWARE: PatentIn Ver. 2.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 135
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Mus musculus
 24 <400> SEQUENCE: 1
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 28 His Gly Phe Glu Glu Tyr Met Lys Glu Leu Gly Val Gly Leu Ala Leu
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 31 Arg Lys Met Ala Ala Met Ala Lys Pro Asp Cys Ile Ile Thr Cys Asp
 32 35 40 45
 34 Gly Asn Asn Ile Thr Val Lys Thr Glu Ser Thr Val Lys Thr Thr Val
 35 50 55 60
 37 Phe Ser Cys Asn Leu Gly Glu Lys Phe Asp Glu Thr Thr Ala Asp Gly
 38 65 70 75 80
 40 Arg Lys Thr Glu Thr Val Cys Thr Phe Gln Asp Gly Ala Leu Val Gln
 41 85 90 95
 43 His Gln Gln Trp Asp Gly Lys Glu Ser Thr Ile Thr Arg Lys Leu Lys
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 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 1279
 55 <212> TYPE: DNA
 56 <213> ORGANISM: Mus musculus
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 61 cataccacaca ggagtaggac tggctcttag gaagatggct gccatggcca agccagactg 180
 62 tatcattacg tgtgatggca acaacatcac ggtcaaaacc gagagcacag tgaagacgac 240
 63 tgtgttctct tgtaacctgg gagagaagtt tgatgaaacg acagctgatg gcagaaaaac 300
 64 tgaggtcagc tacaacatac tgtgaagcga cagaagcttc tagatttaca gattaaattg 360
 65 cattaacaat gtctgtactt actgccaaagg gctgactgaa aaaactactt tatggagttg 420
 66 acttttgata aattagtaaa agtcccagga ctaagaaatg aagacatctt atgagtttct 480
 67 agatcgaaaa gcacatagtt gtattgtgaa caaaatcagt atgatggggt ggagttcaga 540
 68 gagggaaagg cgaagacttg ttggagtggg gtgggtcctg ggggttcctt cactttggaa 600

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69 gatgatgaac taactaccct gtatttttgc agacggtctg caccttccaa gacggtgccc 660
70 tgggtccagca ccagcaatgg gacgggaagg agagcacgat aacaagaâaa ctgaaggatg 720
71 ggaagatgat cgtggtgagc atcaaagcac tggcaccatg ctgggattgg gcctgcagcc 780
72 acagttgtca taaccacttc gggtcattgg ttctttaaca agagaaggaa acttaggagg 840
73 acaatactga aaataacaag ttagaaacga gagtcctcat tgctgaggca gcccttgtgg 900
74 ggacggagaa gtgatgggat cccaggatgt ggctgcagca gagcctgaga gctggcaggc 960
75 caccgagcag ccctctcctg gtacattgat ttaagtaagg gatatttgcc aaaacacatg 1020
76 aataatttag agatcatatc cagtgcctta gtctgcaggg cagcaaatac acatataaac 1080
77 aaaacagcag ctctaggtct tcttgagttt gaatcctgag atgtggtttt tctgttaggt 1140
78 tggttacaag cgtttatagg attctgcccc caacacatgc tctgaaatgt acagttggcc 1200
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85 <213> ORGANISM: Homo sapiens
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92           20           25           30
94 Arg Lys Met Gly Ala Met Ala Lys Pro Asp Cys Ile Ile Thr Cys Asp
95           35           40           45
97 Gly Lys Asn Leu Thr Ile Lys Thr Glu Ser Thr Leu Lys Thr Thr Gln
98           50           55           60
100 Phe Ser Cys Thr Leu Gly Glu Lys Phe Glu Glu Thr Thr Ala Asp Gly
101   65           70           75           80
103 Arg Lys Thr Gln Thr Val Cys Asn Phe Thr Asp Gly Ala Leu Val Gln
104           85           90           95
106 His Gln Glu Trp Asp Gly Lys Glu Ser Thr Ile Thr Arg Lys Leu Lys
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110           115          120          125
112 Arg Ile Tyr Glu Lys Val Glu
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124 gagctaggag tgggaatagc tttgcgaaaa atgggcgcaa tggccaagcc agattgtatc 180
125 atcacttggt atggtaaaaa cctcaccata aaaactgaga gcactttgaa aacaacacag 240
126 ttttcttgta ccctgggaga gaagtgtgaa gaaaccacag ctgatggcag aaaaactcag 300
127 actgtctgca actttacaga tgggtgcattg gttcagcatc aggagtggga tgggaaggaa 360
128 agcacaataa caagaaaatt gaaagatggg aaattagtgg tggagtgtgt catgaacaat 420
129 gtcacctgta ctcggtatcta tgaaaaagta gaataaaaat tccatcatca ctttggacag 480
130 gagttaatta agagaatgac caagctcagt tcaatgagca aatctccata ctgtttcttt 540

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131 cttttttttt tcattactgt gttcaattat ctttatcata aacattttac atgcagctat 600
132 ttcaaagtgt gttggattaa ttaggatcat ccctttggtt aataaataaa tgtgtttgtg 660
133 ct                                     662
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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number